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Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe 35 40 45

Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu

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Asp	Ser	Val	Lys	Gly 85	Arg	Phe	Thr	Ile	Ser 90	Arg	Asp	Asn	Ser	Lys 95	Asn
Thr	Leu	Tyr	Leu 100	Gln	Met	Asn	Ser	Leu 105	Arg	Ala	Glu	Asp	Thr 110	Ala	Val
Tyr	Tyr	Cys 115	Ala	Lys	Glu	Ser	Ser 120	Gly	Trp	Phe	Gly	Ala 125	Phe	Asp	Tyr
Trp	Gly 130	Gln	Gly	Thr	Leu	Val 135	Thr	Val	Ser	Ser	Gly 140	Gly	Glu	Ile	Val
Leu 145	Thr	Gln	Ser	Pro	Asp 150	Phe	Gln	Ser	Val	Thr 155	Pro	Lys	Glu	Lys	Val 160
Thr	Ile	Thr	Cys	Arg 165	Ala	Ser	Gln	Ser	Ile 170	Gly	Ser	Ser	Leu	His 175	Trp
Tyr	Gln	Gln	Lys 180	Pro	Asp	Gln	Ser	Pro 185	Lys	Leu	Leu	Ile	Lys 190	Tyr	Ala
Ser	Gln	Ser 195	Phe	Ser	Gly	Val	Pro 200	Ser	Arg	Phe	Ser	G1y 205	Ser	Gly	Ser
Gly	Thr 210	Asp	Phe	Thr	Leu	Thr 215	Ile	Asn	Ser	Leu	Glu 220	Ala	Glu	Asp	Ala
Ala 225	Ala	Tyr	Tyr	Cys	His 230	Gln	Ser	Ser	Ser	Leu 235	Pro	Ile	Thr	Phe	Gly 240

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Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe 35 40 45

Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu 50 55 60

Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala 65 70 75 80

Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn 85 90 95

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val 100 105 110

Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr

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Ile Thr	Cys	Arg	Ala 165	Ser	Gln	Ser	Ile	Gly 170	Ser	Ser	Leu	His	Trp 175	Tyr
Gln Gln	Lys	Pro 180	Asp	Gln	Ser	Pro	Lys 185	Leu	Leu	Ile	Lys	Tyr 190	Ala	Ser
Gln Ser	Phe 195	Ser	Gly	Val	Pro	Ser 200	Arg	Phe	Ser	Gly	Ser 205	Gly	Ser	Gly
Thr Asp 210	Phe	Thr	Leu	Thr	Ile 215	Asn	Ser	Leu	Glu	Ala 220	Glu	Asp	Ala	Ala
Ala Tyr 225	Tyr	Cys	His	Gln 230	Ser	Ser	Ser	Leu	Pro 235	Ile	Thr	Phe	Gly	Gln 240
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Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu 50 55 60

Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala 65 70 75 80

Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn 85 90 95

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val 100 105 110

Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr 115 120 125

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Glu Ile Val Leu Thr 130 135 140

Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys Glu Lys Val Thr Ile 145 150 155 160

Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Ser Leu His Trp Tyr Gln 165 170 175

Gln Lys Pro Asp Gln Ser Pro Lys Leu Leu Ile Lys Tyr Ala Ser Gln

180 185	190
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Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu Ala Glu Asp 210 215 220	Ala Ala Ala
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Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe 35 40 45

Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu 50 55 60

Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser Arg Tyr Tyr Ala 65 70 75 80

Asp Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn 85 90 95

Thr Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val 100 105 110

Tyr Tyr Cys Ala Lys Glu Ser Ser Gly Trp Phe Gly Ala Phe Asp Tyr

115 120 125

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser Gly Gly Gly Gly Ser 130 135 140

Glu Ile Val Leu Thr Gln Ser Pro Asp Phe Gln Ser Val Thr Pro Lys 145 150 155 160

Glu Lys Val Thr Ile Thr Cys Arg Ala Ser Gln Ser Ile Gly Ser Ser 165 170 175

Leu His Trp Tyr Gln Gln Lys Pro Asp Gln Ser Pro Lys Leu Leu Ile 180 185 190

Lys Tyr Ala Ser Gln Ser Phe Ser Gly Val Pro Ser Arg Phe Ser Gly 195 200 205

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Asn Ser Leu Glu Ala 210 215 220

Glu Asp Ala Ala Ala Tyr Tyr Cys His Gln Ser Ser Leu Pro Ile 225 230 235 240

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Gly Leu Val Gln Pro Gly Arg Ser Leu Arg Leu Ser Cys Ala Ala Ser 275 280 285

Gly Phe Thr Phe Ser Ser Tyr Ala Met Ser Trp Val Arg Gln Ala Pro 290 295 300

Gly Lys Gly Leu Glu Trp Val Ser Ala Ile Ser Gly Ser Gly Gly Ser

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Asp	Thr	Ala 355	Val	Tyr	Tyr	Cys	Ala 360	Lys	G1u	Ser	Ser	Gly 365	Trp	Phe	Gly
Ala	Phe 370	Asp	Tyr	Trp	Gly	Gln 375	Gly	Thr	Leu	Val	Thr 380	Val	Ser	Ser	Gly
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Ile	Gly	Ser	Ser 420	Leu	His	Trp	Tyr	Gln 425	Gln	Lys	Pro	Asp	Gln 430	Ser	Pro
Lys	Leu	Leu 435	Ile	Lys	Tyr	Ala	Ser 440	Gln	Ser	Phe	Ser	Gly 445	Val	Pro	Ser
Arg	Phe 450	Ser	Gly	Ser	Gly	Ser 455	Gly	Thr	Asp	Phe	Thr 460	Leu	Thr	Ile	Asn
Ser 465	Leu	Glu	Ala	Glu	Asp 470	Ala	Ala	Ala	Tyr	Tyr 475	Cys	His	Gln	Ser	Ser 480
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